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"PATENT"

**AMENDMENT TRANSMITTAL FORM**

In re application of: Norbert L. Avery et al

U. S. Serial No.: 09/967,265 [816101]

Filed: September 28, 2001

A Method for Controlling Deposit Formation in Gasoline

Direct Injection Engine by Use of a Fuel Having

Particular Compositional Characteristics

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

) Before the Examiner: Margaret B. Medley

)

) Steven Fields, Office of Patent Publication  
) Publishing Division

)

) Confirmation Number: 5218

) Group Art Unit: 1714

) Family Number: P2000J093 US2

I hereby certify that I have a reasonable basis for believing that this correspondence will be deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on MARCH 31, 2004

Date of Deposit

KATHLEEN A. KUNA

Kathleen A. Kuna

MARCH 31, 2004

Name of attorney or agent

Signature

Date of Signature

Transmittal herewith is an amendment/response in the above-identified application.

Petition for extension of time pursuant to 37 CFR 1.136 and 1.137 is hereby made, if and to the extent, required. The fee for this extension of time is calculated to be \$ \_\_\_\_\_ to extend the time for filing this response until \_\_\_\_\_.

The fee for any changes in number of claims has been calculated as shown below.

CLAIMS AS AMENDED						
(1)	(2) Claims Remaining After Amendment	(3)	(4) Highest Number Previously Paid For	(5) Present Extra	(6) Rate	(7)
Total Claims	*	Minus	**		x 18.00	
Indep. Claims	*	Minus	***		x 86.00	
MULTIPLE DEPENDENT CLAIM FEE					\$290.00	
FEE FOR CLAIM CHANGES						

\* If the entry in Column 2 is less than the entry in Column 4, write "0" in Column 5.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The total fee for this CORRECTED DRAWINGS, including claim changes and any extension of time is calculated to be \$ 0.

☒ Charge \$ 0 to Deposit Account No. 05-1330.

☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to Deposit Account No. 05-1330. A duplicate copy of this Form is enclosed.

30 March 2004

Date of Signature

Paul E. Purwin

Attorney or Agent of Record

PAUL E. PURWIN

Registration No. 29,203

☒ Pursuant to 37 CFR 1.34(a)

Facsimile Number: (908) 730-3649



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ALLOCCA:kak

PATENT TRADEMARK OFFICE

3/30/2004



"PATENT"

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	Before the Examiner
Noyes L. Avery et al	)	Margaret B. Medley
	)	
U. S. Serial No. 09/967,265	)	Steven Fields
	)	Office of Patent Publication
Filed: September 28, 2001	)	Publishing Division
	)	
A Method for Controlling Deposit	)	Confirmation Number: 5218
Formation in Gasoline Direct Injection	)	Group Art Unit: 1714
Engine by Use of a Fuel Having Particular	)	
Compositional Characteristics	)	Family Number: P2000J093 US2

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

CORRECTED DRAWINGS

Attached, in response to the Draftsperson's objections to the drawings as outlined on Form PTO-948, mailed March 12, 2004, is a set of corrected drawings (Figures 1 and 2).

I hereby certify that I have a reasonable basis for believing that this correspondence will be deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on <u>MARCH 31, 2004</u>		
		Date of Deposit
<u>Kathleen A. Kuna</u>	<u>Kathleen A. Kuna</u>	<u>MARCH 31, 2004</u>
Name of attorney or agent	Signature	Date of Signature



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PATENT TRADEMARK OFFICE

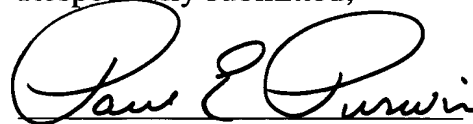
U.S. Serial No. 09/967,265  
Notice Regarding Drawings: 3-12-04  
Family Number: P2000J093 US2

- 2 -

It is believed these corrected drawings address the objections raised by the Draftsperson on Form PTO-948 (items 3, 10 and 12). A copy of Form PTO-948 is attached.

If there are any objections to these new drawings, it is requested that the Draftsperson immediately contact the undersigned by telephone at the number provided below so any further required changes can be made in the allotted time.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul E. Purwin", written over a horizontal line.

Paul E. Purwin

Attorney for Applicants

Registration No. 29,203

Telephone Number: (908) 730-3618

Facsimile Number: (908) 730-3649

☒ Pursuant to 37 CFR 1.34(a)

ExxonMobil Research and Engineering Company  
P. O. Box 900  
Annandale, New Jersey 08801-0900

ALLOCCA:kak  
3/30/2004

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 8/28/01 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_

☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_

☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable.

Fig(s) \_\_\_\_\_

☒ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) 1,2

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) \_\_\_\_\_

☐ Top (T) ☐ Left (L)

☐ Right (R) ☐ Bottom (B)

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with

Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1,2

**11. SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_

☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☒ Numbers and reference characters not plain and legible. Fig(s) 1,2

Figure legends are poor. Fig(s) \_\_\_\_\_

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2)

Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR

1.84(p)(3). Fig(s) \_\_\_\_\_

**13. LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

## COMMENTS:

Reviewer S. Fields

If you have questions, call (703) 305-8404.

Date 2/12/04

Attachment to Paper No. \_\_\_\_\_